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TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

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COMMENTS:

DOES NOT CONTAIN CBI



Momentive Specialty Chemicals Inc.

180 East Broad Street
Columbus, OH 43215
momentive.com

111# 348779

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2012 SEP 24 AM 10: 07

September 19, 2012

TSCA Confidential Business Information Center (7407M)
EPA East – Room 6428
Attn: Section 8(e)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001



Re: TSCA Section 8(e) Notification of Substantial Risk: 2,3-epoxypropyl neodecanoate, CAS
No. 26761-45-5

Dear TSCA Section 8(e) Coordinator:

Momentive Specialty Chemicals Inc. is submitting the following preliminary study summary under the Toxic Substances Control ACT (TSCA) Section 8 (e). At this time Momentive Specialty Chemicals does not believe the data represent a significant risk.

The test substance, 2,3-epoxypropyl neodecanoate, CAS No. 26761-45-5, has induced a statistically significant, dose-related increase of the mutant frequency in the liver and kidney of the MutaMouse in an O.E.C.D. test guideline 488, "Transgenic Rodent Somatic and Germ Cell Gene Mutation Assay.

This study was conducted by the oral gavage route of exposure over a 42 day treatment period at dose levels of 250, 500 and 1000 mg/Kg of body weight. Additionally, organs/tissues to be evaluated for mutational response are the bone marrow and male germ cells.

The test substance induced a dose-related ($P < 0.01$) increase of the mutant frequency in the liver cells that reached 3-fold the mean concurrent vehicle control value at 1000 mg/Kg/day. In the kidney the dose-related increase was significant at the $P < 0.001$ level and reached 2.3-fold the mean concurrent vehicle control mutant frequency at 500 mg/Kg/day.

These preliminary findings are summarized in Table 1. When the Final study report is available it will be submitted under TSCA Section 8 (e) as a follow-up to this initial submission.

Regards,

Sydney Lindquist

Global Hazard Communication & Compliance Leader

Momentive Specialty Chemicals Inc. • 180 E. Broad St. • Columbus, OH 43212 • (614)225-4778

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MR# 348780

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Preliminary Results 2,3-Epoxypropyl neodecanoate MutaMouse

Table 1

| Group | Group Mean MF ($\times 10^{-6}$) | |
|--------------------|------------------------------------|-----------|
| | Liver | Kidney |
| 1 Vehicle | 49.85 | 52.66 |
| 2 250 mg/Kg | 68.07 | 104.81** |
| 3 500 mg/Kg | 116.33 | 123.69*** |
| 4 1000 mg/Kg | 155.56* | 114.00*** |
| 5 ENU 100 mg/Kg | 561.13*** | 739.23*** |
| | DR** | DR*** |
| Statistics | A, S | A, SR |

* $P \leq 0.05$

** $P \leq 0.01$

*** $P \leq 0.001$

DR = significant dose response test

A = ANOVA, dose response and Dunnett's

S = two-sample t-test

R = rank-transformed data

ENU = Ethylnitrosourea

art # 156148-434 RIT2 06/10 ::
51561/003R/R44

ORIGIN ID 6009 (614) 225-4462
MAILROOM MANAGER
HEXION SPECIALTY CHEMICALS
180 EAST BROAD ST
28TH FLOOR
COLUMBUS OH 43215
UNITED STATES US

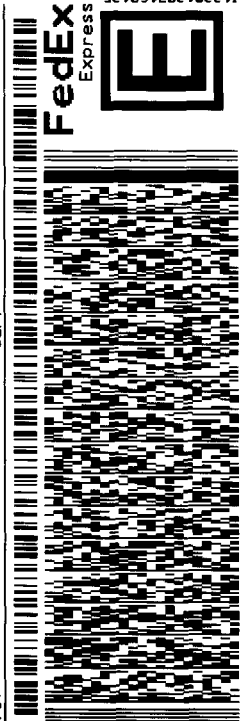
SHIP DATE 20SEP12
ACTWGT 0.1 LB.
CAD 103388325/WSX12150

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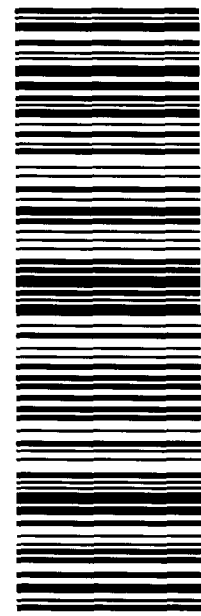
US ENVIRONMENTAL PROTECTION AGENCY
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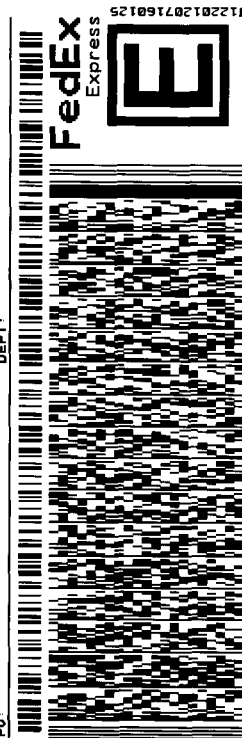
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